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FACILITY PERMIT NO: 49-03 Iredell County MSWLF Part 1-Permit to Construct Original PTC MSW: April 1, 1993 Amendment to Permit Phase 3 C&D November 21, 2006

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WASTE MANAGEMENT

MUNICIPAL SOLID WASTE LANDFILL FACILITY PERMIT

Iredell County, North Carolina
is hereby issued a PERMIT TO CONSTRUCT
for PHASE 3 OF THE CONSTRUCTION AND DEBRIS
UNIT AT THE MUNICIPAL SOLID WASTE LANDFILL FACILITY

Located on SR 2319, Iredell County, North Carolina, at the Iredell County Landfill, in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the construction plan submitted, the property deeds, and the permit application narrative.

200

Edward F. Mussler III CN = Edward F. Mussler III, C = US, O = Division of Waste Management, OU = Solid Waste Section I have reviewed this document and I am approving this document 2006.11.21 12:38:56 -05'00'

Edward F. Mussler, III, P.E., Permitting Branch Supervisor Permitting Branch Solid Waste Section

FACILITY PERMIT NO: 49-03 Part 1-Permit to Construct Original Permit to Construct Date (MSWLF- Phase 1): April 1, 1993 Permit Renewal Date (MSWLF- Phase 2): January 5, 1998 Modification to Permit (C&D Landfill expansion- Phase 1): March 31, 2000

New Facility Permit Date (MSWLF expansion- Phase 3): August 22, 2001 New Facility Permit Date (C&DLF Expansion- Phase 2): April 6, 2004 Amendment to Permit, (C&DLF expansion – Phase 2A,), February 7, 2006 Amendment to Permit (C&D Landfill expansion - Phase 3,) November 21, 2006

ATTACHMENT 1

Approved Documents

PART I:

GENERAL FACILITY CONDITIONS

- Solid Waste Permit 49-03, Iredell County Sanitary Landfill, Part 1:Permit to Construct issued April 1, 1993; Part 2: Permit to Operate issued October 8, 1993.
- 2. Solid Waste Permit 49-03, Iredell County Sanitary Landfill, Transition Plan Approved February 26, 1996.
- Legal Description of Real Property 3.

PART II:

MUNICIPAL SOLID WASTE LANDFILL CONDITIONS

Phase 2

- 4. MSWLF Permit to Construct Application, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company, P.A., Garner, NC.
- 5. Design Hydrogeology Study, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company, P.A., Garner, NC.

Phase 3

- MSWLF Facility Permit to Construct Application, Phase 3, Iredell 6. County, prepared by Municipal Engineering Services Company, P.A., Garner, NC, revised through July 1, 2001.
- 7. Design Hydrogeology Study, Phase 3, Iredell County, prepared by Municipal Engineering Services Company, P.A., Garner, NC, revised through July 1, 2001.
- 8. Request for Modification to protective cover specifications and supporting documentation, prepared by MESCO, submitted May 24, 2002.

PART III:

CONSTRUCTION AND DEMOLITION LANDFILL CONDITIONS

Phase 1- CDLF

9. MSWLF Permit to Construct Application, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company, P.A., Garner, NC.

Original Permit to Construct Date (MSWLF- Phase 1): April 1, 1993
Permit Renewal Date (MSWLF- Phase 2): January 5, 1998
Modification to Permit (C&D Landfill expansion- Phase 1): March 31, 2000
New Facility Permit Date (MSWLF expansion- Phase 3): August 22, 2001
New Facility Permit Date (C&DLF Expansion- Phase 2): April 6, 2004
Amendment to Permit, (C&DLF expansion – Phase 2A.), February 7, 2006
Amendment to Permit (C&D Landfill expansion – Phase 3,) November 21, 2006
Page 3

- 10. Design Hydrogeology Study, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company, P.A., Garner, NC.
- 11. Correspondence from Municipal Engineering Services, Co., (MESCO) dated December 13, 1999, requesting expansion of C&D Landfill Area.
- 12. Correspondence from MESCO dated February 14, 2000 in response to questions regarding groundwater elevations and groundwater monitoring well relocation.
- 13. Correspondence from MESCO in response to section hydrogeological review.
- 14. Letter revising C&D Landfill base grades.
- 15. Facility Plan Drawing No.'s 4 and 6 as revised through March 30, 2000.
- 16. Drawings PM-1 and PM-2 dated 3/13/00.

Phase 2 - C&DLF

- 17. Permit Application (Site and Construction Plans), Construction and Demolition Landfill, Iredell County, prepared by Municipal Engineering Services Co., PA, submitted July 5, 2002, revised September 17, 2003 and November 13, 2003, amended February 16, 2004.
- 18. Site Hydrogeologic Report, Iredell County C&D Landfill, Phases 2 & 3, prepared by Municipal Engineering Services Co., PA, completed January 28, 2004.

Phase 2A - C&DLF

 C&D Landfill Expansion Permit to Construct Application. Prepared for: Iredell County. Prepared by: Municipal Engineering Services Co. P.A. December 16, 2005 and subsequent documentation provided through January 24, 2006.

Phase 3 - C&DLF

 C&D Landfill Expansion Permit to Construct Application. Prepared for: Iredell County. Prepared by: Municipal Engineering Services Co. P.A. April 2006 and subsequent documentation provided through October 10, 2006.

PART IV: LAND CLEARING AND INERT DEBRIS LANDFILL CONDITIONS

FACILITY PERMIT NO: 49-03
Part 1-Permit to Construct
Original Permit to Construct Date (MSWLF- Phase 1): April 1, 1993
Permit Renewal Date (MSWLF- Phase 2): January 5, 1998
cation to Permit (C&D Landfill expansion- Phase 1): March 31, 2000

Modification to Permit (C&D Landfill expansion- Phase 1): March 31, 2000
New Facility Permit Date (MSWLF expansion- Phase 3): August 22, 2001
New Facility Permit Date (C&DLF Expansion- Phase 2): April 6, 2004
Amendment to Permit, (C&DLF expansion – Phase 2A,), February 7, 2006

Amendment to Permit (C&D Landfill expansion - Phase 3,) November 21, 2006

PART V:

YARD WASTE CONDITIONS

PART VI:

MISCELLANEOUS TREATMENT AND PROCESSING FACILITIES CONDITIONS

ATTACHMENT 2

PART I: GENERAL FACILITY CONDITIONS

- 1. This condition not used.
- 2. This permit approves the Facility Plan which in accordance with 15 NCAC 13B .1619 defines the comprehensive development of the facility including the total municipal solid waste landfill capacity, the municipal solid waste stream, all on site solid waste management facilities and related facility infrastructure.

The approved plans are described in Attachment 1, "Approved Documents". Where discrepancies may exist, the most recent approved submittal and Conditions of Permit shall govern.

- 3. This facility has an anticipated total municipal solid waste disposal capacity of 6,661,379 cubic yards consistent with the approved final contours, which will be developed in 5 construction phases of five years each. Construction of cells within each phase and subsequent phases will be in accordance with the Division approved plans.
- 4. The landfill is permitted to receive solid waste generated from within the State of North Carolina consistent with local government waste management plan(s), the franchise agreement and as defined in 15A NCAC 13B .0101(36), except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services. The owner or operator of a municipal solid waste management facility that is owned or operated by a unit of local government shall not knowingly dispose of any type or form of municipal solid waste that is generated within the boundaries of a unit of local government that by ordinance:
 - (1) Prohibits generators or collectors of municipal solid waste from disposing of that type or form of municipal solid waste.
 - (2) Requires generators or collectors of municipal solid waste to recycle that type or form of solid waste.

FACILITY PERMIT NO: 49-03
Part 1-Permit to Construct
Original Permit to Construct Date (MSWLF- Phase 1): April 1, 1993
Permit Renewal Date (MSWLF- Phase 2): January 5, 1998
Modification to Permit (C&D Landfill expansion- Phase 1): March 31, 2000
New Facility Permit Date (MSWLF expansion- Phase 3): August 22, 2001
New Facility Permit Date (C&DLF Expansion- Phase 2): April 6, 2004
Amendment to Permit, (C&DLF expansion – Phase 2A,), February 7, 2006
Amendment to Permit (C&D Landfill expansion – Phase 3,) November 21, 2006
Page 5

- 5. This facility is subject to the requirements of all applicable sections of the most recent version of the North Carolina Solid Waste Management Rules, 15A NCAC 13B and the specific conditions contained herein.
- 6. This facility shall conform to the specific conditions set forth in this permit and the provisions of 15A NCAC 13B .1604(b)(2).
- 7. This facility permit is issued under the criteria set forth in 15A NCAC 13B.1603(a)(1). Any facility changes that effect these criteria may require a new permit.
- 8. Iredell County shall submit an amendment to this permit pursuant to 15A NCAC 13B.1603(a)(2) for any subsequent phase of development.

FACILITY CONSTRUCTION CONDITIONS

- Iredell County shall conduct a pre-construction meeting, on-site, prior to initiating construction of any unit at the site and shall notify the Solid Waste Section 10 days prior to said meeting.
- 10. Construction of all solid waste management units within this facility shall be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in Attachment 1, Document 5, "Approved Documents".
- 11. Additional conditions and revisions of the approved documents or changes during construction of any landfill unit require approval by the North Carolina Solid Waste Section.
- 12. Any modifications in sedimentation and erosion control activities require approval by the Land Quality Section. The Section shall be notified of any sedimentation and erosion control modifications.

FACILITY PRE-OPERATIVE CONDITIONS

- 13. Prior to receiving waste at any unit of this facility, a Permit to Operate, must be obtained from the Solid Waste Section in accordance with 15A NCAC 13B .0201(b).
- 14. The following requirements shall be met prior to waste disposal for any unit of this facility:
 - a. Site preparation shall be in accordance with the approved plans, and the conditions specified herein.
 - b. Site inspection shall be made by a representative of the Solid Waste Section.
 - c. Prior to waste disposal for any unit, a pre-operative meeting shall be held on-site with key landfill personnel and representatives of the Solid Waste Section.

FACILITY PERMIT NO: 49-03
Part 1-Permit to Construct
Original Permit to Construct Date (MSWLF- Phase 1): April 1, 1993
Permit Renewal Date (MSWLF- Phase 2): January 5, 1998
Modification to Permit (C&D Landfill expansion- Phase 1): March 31, 2000
New Facility Permit Date (MSWLF expansion- Phase 3): August 22, 2001
New Facility Permit Date (C&DLF Expansion- Phase 2): April 6, 2004
Amendment to Permit, (C&DLF expansion – Phase 2A,), February 7, 2006
Amendment to Permit (C&D Landfill expansion – Phase 3,) November 21, 2006
Page 6

PART II: MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS

PRE-OPERATIONAL CONDITIONS

15. Ground water monitoring wells and surface water sampling locations shall be sampled for the Appendix I constituent list prior to issuing the Permit to Operate.

CONSTRUCTION CONDITIONS

- 16. The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to the placement of any liner materials.
- 17. The owner's geologist shall be in the field to supervise all well installations. Any modifications to the approved water quality monitoring plan require approval by the Section Hydrogeologist. Documentation of all changes to the approved plan shall be submitted with the well construction records.
- 18. For each monitoring well constructed, a well construction record, well schematic, boring log and a description of well development activities shall be submitted to the Section within 30 days upon well completion.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS

- 19. This permit approves the construction of Phase 3 of the C&D unit at the Iredell Landfill in accordance with Document, 20 of Attachment 1, Part III. It shall be for approximately 6.62 acres and 606,196 cubic yards gross volume.
- 20. The following requirements shall be met prior to Operation of the CDLF expansion area:
 - a. The owner/operator shall provide documentation to the division that site preparation (grading and/or placement of fill maintaining 4 feet of separation between waste and groundwater) has occurred in accordance with the construction plan and the conditions specified herein.
 - b. Site inspection shall be made by a representative of the Solid Waste Section.
 - c. Prior to waste disposal for any unit, a pre-operative meeting shall be held on-site with key landfill personnel and representatives of the Solid Waste Section.

PART IV:

FACILITY PERMIT NO: 49-03
Part 1-Permit to Construct
Original Permit to Construct Date (MSWLF- Phase 1): April 1, 1993
Permit Renewal Date (MSWLF- Phase 2): January 5, 1998
Modification to Permit (C&D Landfill expansion- Phase 1): March 31, 2000
New Facility Permit Date (MSWLF expansion- Phase 3): August 22, 2001
New Facility Permit Date (C&DLF Expansion- Phase 2): April 6, 2004
Amendment to Permit, (C&DLF expansion – Phase 2A.), February 7, 2006
Amendment to Permit (C&D Landfill expansion – Phase 3,) November 21, 2007

LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS

PART V: YARD WASTE UNIT SPECIFIC CONDITIONS

PART VI: MISCELLANEOUS TREATMENT AND PROCESSING UNIT SPECIFIC CONDITIONS (Specify Unit Type)

TRANSMITTAL



•		Garner, N.C.	Boone, N.C.		
		Date Ju	ıly 13, 2006		
		Number of page	es including cover sheet: 3		
то:	Mr. Ed Mussler	FROM:	Wayne Sullivan		
	401 Oberlin Road Raleigh, NC		Municipal Engineering Services Company		
	raioigii, ivo		Garner, NC 27529		
		Email	wsullivan@mesco.com		
Phone		Phone	(919) 772-5393		
Fax		Fax Phone	(919) 772-1176		
Phone					
RE: App. fo	RE: App. for Mining Permit and Drawings				
REMARKS	: 🗌 Urgent 🖾 For your re	view 🗌 Reply AS.	AP		
Dear Mr. Mu	ussler,				
	osed 2 copies of the Iredell County (ent to John Murray.	C&D Phase 3- Permi	t Application that was		
Sincerely,					
Wayne Sull	ivan				



Facility Permit No: 49-03
Part 2-Permit to Operate
Date of Original Permit Issue: October 8, 1993
Modification to Permit
(C&D Landfill exp 2A, 800' x 100'):February 7, 2006
Page 1 of 6

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WASTE MANAGEMENT

MUNICIPAL SOLID WASTE LANDFILL FACILITY PERMIT

COUNTY OF IREDELL
is hereby issued a PERMIT to OPERATE a
MUNICIPAL SOLID WASTE LANDFILL FACILITY

located on SR 2319, Iredell County, North Carolina in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site or the property map contained within the approved application

Composition .

Edward F. Mussler III
CN = Edward F. Mussler III, C = US,
O = Division of Waste Management,
OU = Solid Waste Section
I have reviewed this document and I
am approving this document
2006.02.07 10:29:04 -05'00'

Edward F. Mussler, III, P.E., Permitting Branch Supervisor Permitting Branch Solid Waste Section

ATTACHMENT 3 Approved Documents

PART I:

GENERAL FACILITY CONDITIONS

Issuance	Date
Original Issue (PTC)	October 8, 1993
Original Issue (PTO)	October 8, 1993
Amendment 1 (PTC) Phase 2	November 19, 1997
Permit Renewal	September 28, 1998
C& D Expansion	March 31, 2000
New Facility MSWLF Phase 3	July 26, 2002
New Facility C&D Expansion Phase 2	April 20, 2004

PART II:

MUNICIPAL SOLID WASTE LANDFILL CONDITIONS

1. Construction Quality Assurance Report, Municipal Solid Waste Landfill Facility, Phase 2, Iredell County, North Carolina, Volumes 1 & 2, prepared by Municipal Engineering Services Co., Inc., as revised through March 30, 2000.

2. Report, Alternative Daily Cover, Iredell County Permit No. 49-03, prepared by Municipal Engineering Services Co., submitted on March 9, 2000.

3. Construction Quality Assurance Report, Municipal Solid Waste Landfill Facility, Phase 3, Iredell County, North Carolina, prepared by Municipal Engineering Services Co., Inc., submitted May 14, 2002, and revised through July 25, 2002.

PART III:

CONSTRUCTION AND DEMOLITION LANDFILL CONDITIONS

- 1. Correspondence from Municipal Engineering Services, Co., (MESCO) dated December 13, 1999, requesting expansion of C&D Landfill Area.
- 2. Correspondence from MESCO dated February 14, 2000 in response to questions regarding groundwater elevations and groundwater monitoring well relocation.
- 3. Correspondence from MESCO in response to section hydrogeological review.
- 4. Letter revising C&D Landfill base grades.
- 5. Facility Plan Drawing No.'s 4 and 6 as revised through March 30, 2000.
- 6. Drawings PM-1 and PM-2 dated 3/13/00.
- 7. As-Built Subgrade Plan, prepared by Municipal Engineering Services Co., submitted April 8, 2004.
- 8. Monitoring Well Installation Records, prepared by Municipal Engineering Services Co., submitted April 14, 2004.
- 9. Piezometer Abandonment Records, prepared by Municipal Engineering Services Co., submitted April 14, 2004.
- 10. Correspondence from Brian Wootton to John Murray dated January 17, 2006.
- 11. Application submitted from MESCO dated December 16, 2005 and revised through January 16, 2006.

PART IV:

LAND CLEARING AND INERT DEBRIS LANDFILL CONDITIONS (NOT APPLICABLE)

PART V:

YARD WASTE CONDITIONS (NOT APPLICABLE)

PART VI: MISCELLANEOUS TREATMENT AND PROCESSING FACILITIES CONDITIONS (NOT APPLICABLE)

ATTACHMENT 4 Conditions of Permit to Operate

PART I: GENERAL FACILITY CONDITIONS

- 1. This permit shall be reviewed, pursuant to 15A NCAC 13B.0201(e), on July 26, 2007.
- 2. In the event of conflicts between this Permit to Operate and previously issued conditions, the conditions of this Permit to Operate shall supersede previously issued conditions.
- 3. The solid waste management units within this facility shall conform to all operating procedures described in the approved plans, 15A NCAC 13B, and the conditions specified herein.
- 4. Additional conditions and revision of the approved documents or changes during the operation of the landfill require approval by the North Carolina Solid Waste Section.
- 5. On or before August 1 of each year, the permittee shall report the amount of waste received (in tons) at this facility and disposed of in the landfill units to the Solid Waste Section, on forms prescribed by the Section. This report shall include the following information:
 - a. The reporting period shall be for the previous year, beginning July 1 and ending on June 30.
 - b. The amount of waste received and landfilled in tons, compiled on a monthly basis and by specific waste type if diverted to a specific unit within the permitted facility; and
 - c. The completed report shall be forwarded to the Regional Waste Management Specialist for the facility. A copy of the completed report shall be forwarded to the County Manager of each county from which waste was received.
- 6. Ground water quality at this facility is subject to the "Classifications and Water Quality Standards Applicable To The Groundwater of North Carolina", 15A NCAC 2L. This includes, but is not limited to, provisions for detection monitoring, assessment, and corrective action.

PART II:

MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS

GENERAL CONDITIONS

- 7. This permit approves the operation of Phase 3 of the municipal solid waste landfill unit as well as the on-site environmental management and protection facilities as described in the approved plans.
- This permit is for operational approval of a five year permitted total capacity of approximately 1,563,280 cubic yards, consistent with the final contours for Phase 3 as shown on drawing no. F4 of Attachment 1, Part II, Document 5. This capacity is based on an average annual disposal rate of approximately 112,000 tons (approximately 415 tons per day based on 312 operating days per year) facility total as set forth in Document 5, Part II, Attachment 1.

MONITORING AND REPORTING

- Ground water monitoring at this unit shall be as prescribed by the appropriate requirements of 15A NCAC 13B .1630-.1637 and the approved monitoring plan.
- 10. A readily accessible unobstructed path shall be cleared and maintained so that four-wheel drive vehicles may access monitoring well locations at all times.

- 11. A field log book which details all development, sampling, repair, and all other pertinent activities associated with each monitoring well and all sampling activities associated with each surface water and leachate sampling location shall be kept as part of the permanent facility record.
- 12. Records of all ground-water, surface water and leachate analytical data shall be kept as part of the permanent facility record.
- 13. Ground water monitoring wells and surface water sampling locations must be sampled for Appendix I constituents at least semi-annually according to the specifications outlined in the approved water quality monitoring plan and the current policies and guidelines of the Section in effect at the time of sampling.
- 14. Reports of the analytical data for each water quality sampling event shall be submitted to the Section within 60 days of the respective sampling event. Analytical data shall be submitted in a manner prescribed by the Section.
- The four independent samples which comprise the initial baseline sampling event shall be collected from each ground water monitoring well and the report shall be submitted to the Section within six months after issuance of the Permit to Operate.
- Untreated leachate shall be sampled and analyzed at least semi-annually concurrently with the ground and surface water sampling. The leachate shall be analyzed for all Appendix I constituents, pH, specific conductance, BOD and COD, phosphate, nitrate, and sulfate. Test results shall be submitted to the Section along with ground and surface water test results. In the event leachate is recirculated, additional leachate sampling may be required.

OPERATIONAL CONDITIONS

- 17. The landfill unit shall conform to all operating requirements described in the approved plans, 15A NCAC 13B .1626, and the conditions specified herein.
- 18. The use of alternative daily cover requires approval, prior to implementation, by the Solid Waste Section. Requests for alternative daily cover approval must include a comprehensive use and demonstration of effectiveness plan developed according to Section guidelines and consistent with the approved plan. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents found in Attachment 3.
- 19. The use of leachate recirculation as a leachate management tool requires approval, by the Solid Waste Section, prior to implementation. Requests for leachate recirculation approval must include a comprehensive management plan developed according to Section guidelines and which is consistent with the approved operation plan. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents found in Attachment 3.
- 20. Co-disposal of wastewater treatment sludges requires approval by the Solid Waste Section prior to implementation. Requests for co-disposal of sludges must include a comprehensive management plan developed in accordance with Section rules and guidelines. Plans that are approved by the Section will be incorporated into, and made a part of, the approved documents found in Attachment 3.
- 21. Closure or partial closure of any MSWLF unit shall be in accordance with the Closure Plans described in the approved plans and 15A NCAC 13B .1629. Final Closure Plans shall be submitted to the Division at least 90 days prior to implementation. Closure and Post-closure plans, including financial instruments shall be updated annually pursuant to 15A NCAC 13B .1628.

PART III:

CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS

22. This approval is for operation of Phase 2 and 2A (800' x 100') of the C&D landfill unit. This C&D unit is approved until July 26, 2007 with disposal capacity of 208,000 cubic yards consistent with the approved contours for Phase 2 and 2A as shown on Drawing C2 sheet 2 of 2. This capacity is based

on a projected waste disposal rate of 107,404 cubic yards per year.

- Permit conditions for the CDLF shall be reviewed, pursuant to 15A NCAC 13B.0201(e), concurrently 23. with the MSWLF unit on July 26, 2007.
- The following requirements shall be met prior to operation of the expansion area: 24.
 - The owner/operator shall provide documentation to the division that site preparation (grading and/or placement of fill must maintain the 4 feet of separation between waste and seasonal high ground-water table) has occurred in accordance with the construction plan and the conditions specified. The owner's geologist shall examine the cell excavation and subgrade and note any pertinent geologic features exposed during construction and notify the Solid Waste Hydrogeologist and receive his approval prior to placement of any waste or soil.
 - Surface water and groundwater monitoring shall remain the same. b.
 - If any piezometers are in this area they need to be abandoned and documented and submitted C. to the Solid Waste Hydrogeologist before waste placement.
- Operation of the C&D unit shall be in accordance with 15A NCAC 13B .0505, the approved plan, and 25. the following specific conditions:
 - Waste Acceptance and Disposal: a.

The C&D unit is permitted to receive the following waste types:

- Land Clearing Debris as defined in G.S. 130A-290, specifically, solid waste which is generated solely from land-clearing activities, such as stumps, trees, etc.;
- Inert Debris defined as solid waste, which consists solely of material that is virtually B. inert, such as brick, concrete, rock and clean soil;
- Asphalt in accordance with G.S. 130A-294(m); and C.
- Construction and Demolition Debris defined as solid waste resulting solely from D. construction, remodeling, repair or demolition operations on pavement, buildings or other structures.
- **Cover Material Requirements:** b.
 - Waste shall be covered with six inches (6) of suitable cover at least once per week, or when the active working area reaches one-half acre in size, or more often as necessitated by the nature of the waste, so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials, vectors or water infiltration. Areas that will not receive additional waste on them for twelve months or more, but where final elevations have not been reached, shall be covered with one (1) foot of soil cover.
- Ground water monitoring wells and surface water sampling locations shall be sampled for C. Appendix I constituents at least semi-annually according to the specifications outlined in the approved water quality monitoring plan and the current policies and guidelines of the Section in effect at the time of sampling. Sampling events shall be conducted at the time of MSWLF and leachate sampling events.
- Closure Requirements The C&D unit shall be closed in accordance with the approved plan and 26. the requirements of the Solid Waste Section at the time of closure. A final closure plan shall be submitted for review at least ninety (90) days prior to closure of any phase of the C&D landfill unit.

PART IV: LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS (NOT APPLICABLE)

PART V: YARD WASTE UNIT SPECIFIC CONDITIONS(NOT APPLICABLE) PART VI:MISCELLANEOUS TREATMENT AND PROCESSING UNIT SPECIFIC CONDITIONS (Specify Unit Type) NOT APPLICABLE)



North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

January 31, 2006

David F. Lambert Iredell County 354 Twin Oaks Road Statesville, North Carolina 28625

Re:

Solid Waste Permit, Part 1- Permit to Construct

Iredell County MSWLF Landfill - CDLF Expansion 2A

Permit Number 49-03

Dear Mr. Lambert:

Enclosed is Solid Waste Permit 49-03, Part 1 - Permit to Construct for CDLF expansion (800 x 100) and specific construction of Phase 2 of the CDLF. Also enclosed is an approved copy of the permit to construct application.

Please note the Facility and CDLF pre-operative conditions (Condition No.'s 13, 14 and 19) that must be met in order to obtain Solid Waste Permit, Part 2 - Permit to Operate.

Please contact me at (704) 235-2163, if you have any questions or comments.

Sincerely,

John E. Murray, P.E.

Regional Permitting Engineer

Solid Waste Section

cc: Wayne Sullivan, Municipal Engineering

Brent Rockett, DWM Ed Mussler, DWM Teresa Bradford, DWM Brian Wooten, DSW

610 East Center Avenue, Suite 301, Mooresville, North Carolina 28115 Phone: 704-663-1699 \ FAX: 704-663-6040 \ Internet: www.enr.state.nc.us

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